

Missed Connections

by Arya Akhavan (July 2013)

Angles for R.I. = 1.690

57 + 12 girdles = 69 facets

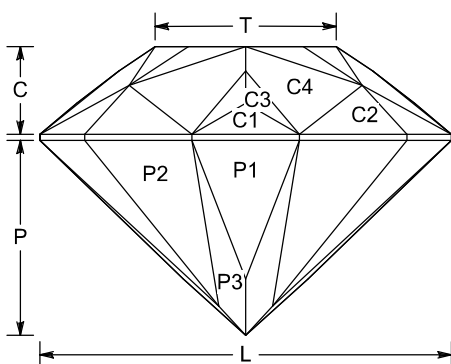
4-fold, mirror-image symmetry

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L/W = 1.000 T/W = 0.440 U/W = 0.440

P/W = 0.473 C/W = 0.213

Vol./W³ = 0.245



PAVILION

P1	44.00°	96-24-48-72	Cut to centerpoint.
P2	43.33°	06-18-30-42- 54-66-78-90	Meet at culet.
G1	90.00°	06-18-30-42- 54-66-78-90	Set stone size.
G2	90.00°	96-24-48-72	Level girdle.
P3	42.50°	03-21-27-45- 51-69-75-93	Meet P1, P2, G1, G2

CROWN

C1	40.00°	96-24-48-72	Set girdle width.
C2	40.00°	06-18-30-42- 54-66-78-90	Level girdle.
C3	37.50°	01-23-25-47- 49-71-73-95	Meet G1, G2, C1, C2
C4	35.00°	04-20-28-44- 52-68-76-92	Meet G1, G2, C1, C2, C3
C5	25.61°	08-16-32-40- 56-64-80-88	Meet C2, C4
T	0.00°	Table	Meet C4, C5

Ever miss a connection at an airport? Well, that's the inspiration for this design - I've missed two flights on this recent trip to Japan. Notice how the C3-C4 meet isn't actually used for anything? That's entirely intentional.

Works in materials from quartz to rutile (RI = 1.54 - 2.62) with no changes, but I prefer pale tanzanite.

Suggested size = 6-12 mm

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